



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO. 071671-0172

Applicant: Ryouichi OCHI, et al.

Title: VOICE DATA TRANSMITTING AND RECEIVING SYSTEM

Appl. No.: 10/720,135

Filing Date: 11/25/2003

Examiner: Unassigned

Art Unit: 2661

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

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**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits, and within three (3) months of the mailing date of the foreign Office Action.

**CONCISE EXPLANATION OF RELEVANCE**

The documents listed on the attached PTO/SB/08 were cited as being relevant during the prosecution of the corresponding Japanese application. A partial English translation of the Japanese Office Action of February 15, 2006, follows:

Note (for the cited literature, see the List of Cited Literature)

- Claims 1-14
- Cited literature 1-4
- Remarks

Cited Literature 1 (especially Claim 4 and paragraph 0051) describes a voice data transmission and reception scheme whereby voice data is split into clause units, packetized, and transmitted.

Cited Literature 2 (especially Claim 1 and paragraph 0008) describes combining and transmitting a plurality of voice data in single packet.

Cited Literature 3 (especially Claims 6 through 8 and paragraphs 0006 and 0024) describes filtering voice data and forwarding it via FTP, as well as selecting the optimal communication scheme from among a plurality of communication schemes according to the communication conditions.

Cited Literature 4 (especially Claim 1) describes transmitting voice data with identification information appended thereto in order to distinguish it from other data.

Furthermore, what sort of recognition means should be used for recognizing clauses of the voice data described in Cited Literature 1 does not go beyond a matter which can be selected as appropriate by a person skilled in the art (see for example Japanese Unexamined Patent Application Publication H9-120295, Japanese Unexamined Patent Application Publication H7-272447, Japanese Unexamined Patent Application Publication H3-38699 and Japanese Unexamined Patent Application Publication H10-97280).

If any reasons for rejection are newly discovered, a Notification of Reasons for Rejection will be issued.

**List of Cited Literature**

1. Japanese Unexamined Patent Application Publication H10-285275
2. Japanese Unexamined Patent Application Publication 2001-24703
3. Japanese Unexamined Patent Application Publication 2001-142488
4. Japanese Unexamined Patent Application Publication H11-234279

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## Record of Prior Art Literature Search Results

- Fields searched IPC H04L 12/00  
H04M 3/00
- Prior art literature Japanese Unexamined Patent Application Publication  
2003-283557

Applicants' statements regarding the Japanese Office Action are based on a partial translation that Applicants' representative obtained. These statements should in no way be considered as an agreement by Applicant with, or an admission of, what is asserted in the Japanese Office Action.

English abstracts for each foreign-language document are provided. Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

Although Applicants believe that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

April 12, 2006  
Date

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38,819

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Approved for use through 10/31/2002. OMB 0551-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449B/PTO

Complete if Known

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Date Submitted: April 12, 2006

(use as many sheets as necessary)

Application Number	10/720,135
Filing Date	11/25/2003
First Named Inventor	Ryouichi OCHI, et al.
Group Art Unit	2661
Examiner Name	Unassigned

Sheet

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of

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Attorney Docket Number

071671-0172



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
/S.B./	B1	6,226,361	B1	KOYAMA	05-01-2001	
/S.B./	B2	2003/0179745	A1	TSUTSUMI et al.	09-25-2003	

## U.S. PATENT APPLICATION DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Application Document		Name of Patentee or Applicant of Cited Document	Filing Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number	Kind Code <sup>2</sup> (if known)			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>				
/S.B./	B3	JP	03-038699	SHARP CORPORATION	02-19-1991		Abst.
/S.B./	B4	JP	07-272447	TOPPAN PRINTING CO LTD.	10-20-1995		Abst.
/S.B./	B5	JP	09-120295	TOSHIBA CORPORATION	05-06-1997		Abst.
/S.B./	B6	JP	10-097280	HITACHI LTD.	04-14-1998		Abst.
/S.B./	B7	JP	10-285275	NEC CORPORATION	10-23-1998		Abst.
/S.B./	B8	JP	11-234279	NEC ENG. LTD.	08-27-1999		Abst.
/S.B./	B9	JP	2001-024703	HITACHI LTD.	01-26-2001		Abst.
/S.B./	B10	JP	2001-142488	OKI ELECTRIC IND. CO. LTD.	05-25-2001		Abst.
/S.B./	B11	JP	2003-283557	NEC INFRONTIA CORP.	10-03-2003		Abst.

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.					T <sup>6</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.B./